

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

CA19-9 Monoclonal Mouse Antibody

Code No.	BM238-G6C8
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	2-8 °C (up to 1 month) below -15°C (long term)
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Reacts With	Human CA19-9 antigen, including BBI Solutions code no. P291-4
Specificity	Antibody detects endogenous levels of total CA19-9 antigen.
Immunogen	Human CA19-9 antigen from human ascites.
BBI Solutions Clone No.	G6C8
Application	Can be used as a capture antibody for CA19-9 ELISA with BBI Solutions mAb BM238-H7D1 as the detection.
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in Phosphate Buffer Saline, pH 7.4 containing 0.09% sodium Azide.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous.
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method:

Protein Concentration by Optical Density at 280nm using $E_{0.1\%,1\text{cm}} = 1.35$	>0.5 mg/ml	mg/ml
Indirect ELISA using antigen coated micro-plates	Report result	Pass/Fail

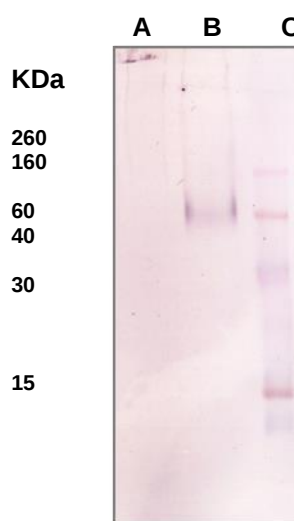
Western Blot Analysis

Reactivity with BBI Solutions P291-4 lot: 64-165

Fig 1. Western blot analysis of human CA19-9 and reactivity with monoclonal mouse anti CA19-9 (lot 42-201)

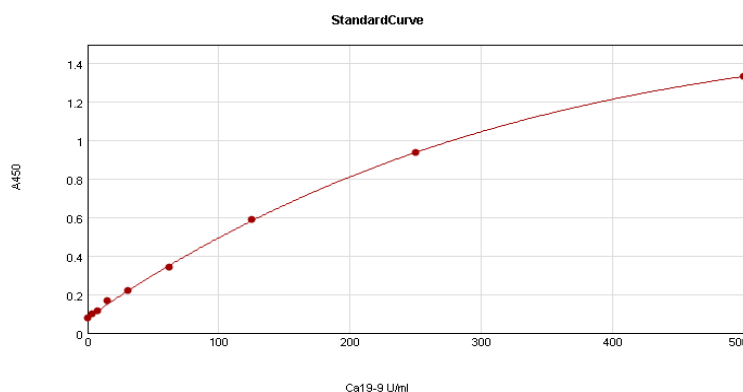
Antibody dilutions = 1:5,000

- (A) Non-Reduced CA19-9
- (B) Reduced CA19-9
- (C) Novex sharp STD LC5800



Sandwich ELISA

BM238-G6C8 721-201 was tested as the capture antibody with BM238-H7D1 used as the detection antibody. BBI solutions P291-4 was used as the standard.



Name:		Position:	
Signed:		Date:	